SSIAI 2016 – CALL FOR PAPERS

IEEE SOUTHWEST SYMPOSIUM ON IMAGE ANALYSIS AND INTERPRETATION

www.ssiai.org | March 6-8, 2016 | La Fonda on the Plaza | Santa Fe, New Mexico

The Southwest Symposium on Image Analysis and Interpretation (SSIAI) is a biennial conference dedicated to all aspects of computational analysis and interpretation of images and video. SSIAI brings together researchers and practitioners in academia, industry, and government to share and discuss the latest advances in this field. SSIAI 2016 will be held at the historic La Fonda Hotel in Santa Fe, New Mexico, U.S.A. The symposium seeks original contributions reporting novel research directions, results, and applications.

Important Dates

November 16, 2015   Papers due
January 11, 2016   Acceptance notification
January 25, 2016   Camera-ready papers due

Organizing Committee

General Chair: Jeff Rodriguez, U. of Arizona
Technical Chairs: Rudolf Mester, U. Frankfurt
   Peter Tay, Western Carolina U.
Special Session Chairs: Scott Acton, U. of Virginia
   Joebob Havlicek, U. of Oklahoma
Treasurer: Jo Dale Carothers, Weintraub Tobin
Publicity Chairs: Brian Nutter, Texas Tech U.
   Rahul Vanam, InterDigital Comm.
Webmaster: Marios Pattichis, U. of New Mexico

Plenaries

Al Bovik (see http://live.ece.utexas.edu/bovik.php for bio.)
Ed Delp (see https://engineering.purdue.edu/~ace for bio.)

Paper Submission

Submit a paper (4 pages max. including figures and references) in double-column IEEE conference format. Submission will be electronic using the PDF format. Accepted full papers will be of the same format with a four-page limit. For further details, please visit www.ssiai.org.

Each accepted paper will be published in the conference proceedings, provided at least one author registers in advance at the non-student rate and gives a presentation at the conference. An author's non-student registration may be applied to up to three papers by that author.

Topics of Interest (not limited to)

- Mathematical models and methods
- Statistical and learning methods
- Features and invariants
- Segmentation and grouping
- Object detection and tracking
- Activity detection and analysis
- Image and video indexing and retrieval
- Biomedical image analysis
- Neuro-signal processing
- Biometrics and bioinformatics
- Biologically inspired computer vision
- Multiscale and multispectral analysis
- Remote sensing
- Compressive sensing and processing
- Stereoscopic and 3-D analysis
- Multisensor analysis and processing
- Color analysis and processing
- Shape representation and recognition
- Scene modeling and interpretation
- Computational photography
- Human computer interaction
- Automated inspection
- Real-time analysis
- Optimization methods
- Performance evaluation
- Computer vision for robotics
- Image and video quality assessment
- Computer architectures for image/video processing